

What is claimed is:

1. A Serial Advanced Technology Attachment (SATA) connector for being soldered to a printed circuit board (PCB), comprising:

an insulative housing having a top wall, a bottom wall, a pair of side walls and a rear wall which together define a mating space, and an L-shaped tongue extending from the rear wall into the mating space;

a plurality of contacts each having an engaging portion retained in the L-shaped tongue and a solder portion extending beyond the rear wall and bent in right angle so as to be parallel to the rear wall for being soldered to the PCB.

2. The SATA connector as claimed in claim 1, wherein a plurality of passageways is defined in the tongue and extending through the rear wall, and the contacts are received into the passageways.

3. The SATA connector as claimed in claim 2, wherein the contact has a securing portion locating between the engaging portion and the solder portion, the securing portion securing in the passageway.

4. The SATA connector as claimed in claim 3, wherein the solder portion of the contact comprises a leg portion extending from the securing portion and a foot portion extending from the leg portion and bent in a right angle so as to be parallel to the rear wall of the housing.

5. The SATA connector as claimed in claim 4, wherein the solder portions of the contacts are arranged in two rows, one row being close to the rear wall of the housing and the other row being far away from the rear wall of the housing.

6. The SATA connector as claimed in claim 1, further comprises a pair of board locks mounted to the bottom wall of the housing.

7. The SATA connector as claimed in claim 6, wherein the board lock is made of metal material.

8. The SATA connector as claimed in claim 6, wherein the board lock comprises

a mounting section at a top thereof which is assembled into the bottom wall of the housing, and a retaining section below the mounting section which is adapted for being mounted in the PCB.

9. A Serial Advanced Technology Attachment (SATA) connector for being soldered to a printed circuit board (PCB), comprising:

an insulative housing having a top wall, a bottom wall, a pair of side walls and a rear wall which together define a mating space, and an L-shaped tongue extending from the rear wall into the mating space;

a plurality of contacts each having an engaging portion retained in the L-shaped tongue and a solder portion extending beyond the rear wall for being soldered to the PCB; and

a pair of board locks mounted to a bottom wall of the housing.

10. The SATA connector as claimed in claim 9, wherein the board lock is made of metal material.

11. The SATA connector as claimed in claim 10, wherein the board lock comprises a mounting section at a top thereof which is assembled into the bottom wall of the housing, and a retaining section below the mounting section which is adapted for being mounted in the PCB.

12. The SATA connector as claimed in claim 10, wherein a through hole is defined in the retaining section to increase flexibility thereof.

13. The SATA connector as claimed in claim 12, wherein the solder portion of the contact bent in a right angle so as to parallel to the rear wall of the housing.

14. The SATA connector as claimed in claim 9, wherein some of the contacts transmit high speed signals and the other contacts transmit low speed signals.

15. A Serial Advanced Technology Attachment (SATA) connector assembly comprising:

a printed circuit board;

an insulative housing seated upon the printed circuit board and defining a mating space with a mating tongue forwardly extending therein;

a plurality of long and short channels alternately formed in an upper face of the mating tongue; and

a plurality of long and short L-shaped contacts alternately disposed in the corresponding long and short channels, respectively; wherein

the long contact has a long horizontal section with a front end extending forwardly beyond that of a short horizontal section of the short contact, and with a rear end extend rearwardly beyond that of the short horizontal section of the short contact.